

Unit 3 (Climate Change) Quiz

/ 9 K

/ 4 A

/ 5 C

/ 4 T

/ 22 (Total)

Name: _____

Definitions – Define each of the following terms.

Climatograph

IPCC

Solar Constant

7 K

Albedo

Eccentricity

Jet Stream

El Nino

Short Answer – Each is worth two marks ... make sure you include two valid points to get full marks.

1. Name two methods that scientists use to discover what climate *used* to be like?

2 K

2. Name one (scientifically legitimate) possible cause of global warming, and how it is causing the Earth to warm.

2 A

3. Name one effect of global warming, and explain what effect(s) this could have on the Earth or its people.

2 A

Longer Answers – Look at how much each question is worth ... include that many pieces of information.

4. How does the greenhouse effect keep the Earth warm? You may use a diagram to help you explain.

3 C

5. What's the difference between the **natural** and **anthropogenic** greenhouse effects?

2 C

6. Give an example of a **positive** feedback loop, relating to climate.

2 T

7. Give an example of a **negative** feedback loop, relating to climate.

2 T